

## MAIN SUBJECT HEADINGS

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**WORLD WAR II-RELATED**

*California Highways and Public Works*  
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**List of Abbreviations:**

AAPT . . . . . Association of American Paving Technologies  
AASHO . . . . . American Association of State Highway Officials  
AISC . . . . . American Institute of Steel Construction  
APWA . . . . . American Public Works Association  
ARBA . . . . . American Road Builders Association  
ARWA . . . . . American Right-of-Way Association  
ASCE . . . . . American Society of Civil Engineers  
ASF . . . . . Automobile Safety Foundation  
BHIF . . . . . Better Highways Information Foundation  
BPR . . . . . Bureau of Public Roads  
CH & PW . . . . . California Highways and Public Works  
CHC . . . . . California Highway Commission  
CPUC . . . . . California Public Utilities Commission  
CTBA . . . . . California Toll Bridge Authority  
CSAA . . . . . California State Automobile Association  
DHE . . . . . District Highway Engineer  
DBTC . . . . . Division of Bay Toll Crossings [formerly DSFBTC]  
DSFBTC . . . . . Division of San Francisco Bay Toll Crossings  
DWR . . . . . Division of Water Resources  
FAS . . . . . Federal Aid Secondary [Highway Program]  
FHA . . . . . Federal Highway Administrator  
ITE . . . . . Institute of Traffic Engineers  
ITTE . . . . . Institute of Transportation and Traffic Engineering  
NAS . . . . . National Academy of Sciences; Naval Air Station  
NPA . . . . . National Production Authority  
NRC . . . . . National Research Council  
PCI . . . . . Prestressed Concrete Institute  
PVS . . . . . Professional and Vocational Standards  
PW . . . . . Public Works  
SP . . . . . Southern Pacific [Railroad]  
UOP . . . . . University of the Pacific  
WASHO . . . . . Western Association of State Highway Officials

Alt. . . . . Alternate  
Br. . . . . Bridge  
Bus. . . . . Business  
Fwy. . . . . Freeway  
Hwy. . . . . Highway  
Leg. Rt. . . . . Legislative Route  
Pkwy. . . . . Parkway  
RR . . . . . Railroad  
Rt. . . . . Route

Key  
i.cvr. . . . . inner cover  
C, BC . . . . . Cover, Back Cover  
highway names/numbers in brackets . . . . . [denotes former route names/number]

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## ACCIDENTS

Accident spots pinpointed on district map to identify troublesome spots.	J/A '65 p34
Accident which occurred in daytime on paved road.	Aug '38 p8
Car and truck accident on Bayshore Hwy. [US 101] near S.F.	S '37 p13
Construction accident; truck on its tailgate on small ledge of rock.	M/A '51 p49
Tow line attached to truck.	M/A '51 p49
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Highway first aid crews, group photo.	O '37 p14
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National Safety Council poster for traffic signs.	S '37 p18
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## ARCHEOLOGY & PALEONTOLOGY

### Caldecott Tunnel fossils

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### Los Angeles Co. Museum of Natural History

Children viewing exhibits in La Brea Hall.	J/A '66 p15
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Placer Co., I-80 [US 40]; 30 million-year-old gravel deposits near Gold Run.	M/A '46 p27
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#### Batiquitos Lagoon archaeological sites

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"Chula Vista Whale;" schoolchildren who discovered fossils.	J/A '66 p13+
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UCLA archaeology students working at test pits site on Rt. 1 right-of-way north of Cambria (San Luis Obispo Co.).	M/A '66 p10+
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**BRIDGES**

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**BRIDGES, Continued**

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Sacked concrete riprap under construction, Big Tujunga Wash.	J/A '45 p18
Scour damage to Granite Canyon Br., Rt. 155 [Rt. 142], Kern Co.	J/A '45 p18
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Narrow bridge with substantial curbs replacing inefficient ones	S/O '45 p12
Structures before and after new curbs and rails.	S/O '45 p13
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Sidehill viaduct, same spot after fill replacement.	M/A '47 p24
Trestle before and after replacement with culvert.	M/A '47 p27
Steel Welds; Applying film to welded area before making radio-graphic check for hidden flaws.	J/F '67 p11
Truss span being assembled at Virginia Bridge Co. plant.	N/D '48 p46

**Bridges By County**

**Alameda Co.**

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Alameda Creek Br. and overhead four miles east of Niles.	M/A '48 p10+
Altamont Br., traffic violation and hazards on.	O '37 p19
Alvarado--Niles Rd. Overcrossing at Nimitz Fwy. [Eastshore Fwy.]	M/A '58 p47
Arroyo Del Valle Br. (Santa Rita Rd., Pleasanton).	S/O '59 p47
<b>Cypress St. double-deck viaduct--</b> (Nimitz Fwy., I-880)	
Under construction [first double-deck freeway structure in state]	J/F '57 p34
Dedication; official party at ribbon-cutting ceremony	J/A '57 p43
Crowd at Cypress St. Viaduct dedication.	J/A '57 p43
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**BRIDGES Contra Costa Co., Continued**

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Pedestrian undercrossing [unidentified locale]	M/J '52P11
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Under construction	N/D '53 p3+; M/A '54 p21+;
Trestle connecting old ferry pier with permanent construction.	M/J '55 p45+ M/A '54 p20
Diver C.H. Wendell, who had near-fatal accident while working on bridge, and diver's tender who saved his life.	M/J '54 p60
Gov. Knight and party on partially completed upper deck.	N/D '54 p21
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Aerial view of North Bay crossing	J/A '56 p3
Gov. and Mrs. Knight with bronze plaque placed on granite stone at toll plaza 's Administration Building.	S/O '56 p12
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Toll collector awaiting first automobile to cross bridge.	S/O '56 p16
Building upper deck permanent approach; old ferry wharf.	S/O '56 p16
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Checking anchor bolts, damaged when ship collided with pier.	N/D '65 p51
<b>Del Norte Co.</b>	
Douglas Memorial Br. over Klamath River at Klamath.	S/O '50 p151
Howard Griffith Memorial Br. (M. Fork Smith Rvr., Crescent City)	J/F '64 p28
Smith River Br. built 1907 of poor material.	Mar '37 p8
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S. Fork of Smith River; old suspension bridge, replacement span.	N/D '49 p11
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Aukum Road Br. across N. Fork Cosumnes Rvr.	M/A '61 p29
Chili Bar Br.	M/J '52 p44
Coloma; bridge across S. Fork of American River; Wooden 1928 span.	J/F '53 p20
Hastings Creek bridge (Rt. 49 north of Coloma).	J/A '63 p18
Stone Arch Br. on Lake Tahoe Wagon Rd. (US 50), construction of.	S/O '50 p91
Webber Creek Br. (US 50 near Placerville), old span.	F '37 p19
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Completed twin span, winner of AISC award.	J/F '65 p41
<b>Fresno Co.</b>	
Fresno; Tuolumne St., Stanislaus St. one-way bridges	S/O '58 p36
Hot Springs Canyon Creek bridge (Rt. 198, Colinga--San Lucas)	J/A '51 p24
Kingsburg; bridge across Kings River under construction.	D '39 p10+
Kings River Br. with abutments and center pier complete.	Jul '38 p4
San Joaquin Rvr. one-way bridge near Fresno. (Rt. 41) [Rt. 125]	N '38 p2
Tuolumne St. one-way bridge over SP RR, G St. and H. St., (Fresno).	J/A '57 p12
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White's Br., collapsed due to overloaded truck; Reconstructed bridge.	M/A '47 p15
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Sacramento Rvr. overflow channel causeway (Willows--Butte City).	N/D '61 p15
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Dyerville Br. across Eel River.		M/J '56 p28
Eagle Point Viaduct (US 101) under construction	J/F '62 p4+;	N/D '62 p18
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Eel River Br. at Rio Dell, washed out in 1964 flood.		N/D '65 p56
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Ferndale Br. under construction in 1911, then the largest of its type in the world.		M/J '64 p11
George C. Cole Memorial Br. (Eel River at Meyers Flat) under construction.		J/F '62 p5
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Hoopra Rvr. Br. small truss before being washed away by flood waters.		S/O '57 p59
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Klamath River Br at Klamath, damaged by 1964 flood.		N/D '65 p57
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Bridge shortly before reopening.		N/D '65 p58
Klamath Rvr. Br. at Martins Ferry, built as a flood repair project.		N/D '61 p41
Klamath River Br. at Weitchpec.		M/A '49 p37
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Martins Ferry Br. between US 101 and Klamath Rvr. towns, destroyed by flood.		J/F '65 p16
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Narrow one-way suspension bridge on Rt. 299 [Arcata-Redding Hwy.].		Jan '39 p4
<b>North Scotia Br. at Rio Dell</b>		
Old and new spans		Apr '41 p4
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<b>Orleans Bridge (Klamath River, Rt. 96)</b>		
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Dedication ceremony for AISC prize-winning bridge		N '41 p22
State Bridge Engineer F.W. Panhorst accepting AISC award		N '41 p22
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Robinson Ferry Br. across Eel River; Old span, posted for load limit.		Apr '41 p3
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**North Fork American River Br.**

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 Third structure under construction, 1948. J/F '53 p18  
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 N. Fork American Rvr. near Foresthill, new FAS bridge N/D '55 p20+  
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 Horsethief Creek Br. replaces old bridge damaged in 1938 flood. O '41 p13  
 San Gorgonio Wash Br., sacked concrete riprap being placed at ends of. May '41 p12  
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 Cosumnes River FAS-funded bridge near Sloughhouse. N/D '64 p55  
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**North Sacramento Viaduct (Del Paso Blvd.) [US 40]**

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 Frank W. Clark breaks ground for viaduct. Aug '41 p9  
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Completed Pioneer Memorial Br.	N/D '66 p27
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**DAMS & CANALS**

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Roadside spray proportioner, proper use of demonstrated. N/D '65 p28

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**EROSION CONTROL--See also *EQUIPMENT, Erosion-related***

**Bank Protection**

Bank protected by sand bar formed downstream from steel tetrahedron jetty on Santa Clara Rvr., Ventura Co. Jul '39 p7

Bar formed below tetrahedron jetty. Aug '38 p11

Cable connected jackstraws used to stop bank erosion. Aug '38 p11

Concrete crib members being made at camp between Junction City and Helena. Mar '41 p11

Concrete riprap bank protection (US 50)

Bags being filled at concrete mixing machine for placement on Cache Creek embankment. Jan '40 p20

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**DRAINAGE**

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One rain, the first of the season, produced this extensive bank erosion.	Aug '39 p18
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Soil loss on recently topsoiled slope at Oceanside, after storm.	M/J '52 p22
Sandy cut slope near stabilized with spray of asphalt.	J/F '50 p34
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Type B stabilization treatment ready for ground cover planting.	M/J '50 p36
Well roughened cut slope ready to be topsoiled.	M/J '50 p36
Spreading and smoothing topsoil on a roughened slope.	M/J '50 p36
Spreading straw on newly topsoiled slope.	M/J '50 p37
Brush layers and wire reinforced brush mats installed in a fill during construction.	M/J '50 p37
Spreading straw and rolling cut slope with cable-controller sheepsfoot roller.	M/J '50 p37
Rolling 10-ft. strip of fill slope after application of straw.	M/J '50 p38
Surface slippage due to saturation.	M/J '50 p40
Sections from which topsoil has slipped where repaired with fertilizer, seed, and straw successfully stabilized.	M/J '50 p40

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**EROSION CONTROL, Continued**

Straw as erosion control

- Close-up of strawing operation. D '42 p2
- Planting ice plant cuttings through straw along top and bottom of slope. J/A '44 p8
- Punching straw with sheepsfoot roller cabled between two tractors. J/A '44 p8
- Race track where straw is acquired; Loading straw at stables. S/O '48 p31
- Roller drawn up and down slopes incorporates straw in embankment surface. J/F '50 p47
- Rolling first application of straw with truck crane and tamping roller. S/O '48 p31
- Rolling straw-covered slope with a sheepsfoot roller. J/F '50 p36
- Rye grass and barley crop growing through straw mulch. J/A '44 p8
- Seed being sowed on fill slope before straw is applied. D '42 p2
- Spreading straw over top soiled slope to provide a mulch. J/A '44 p7
- Straw-covered, topsoiled cut slope after compaction with a sheepsfoot roller. J/F '50 p35

**Vegetation as erosion control**

- Barley and weeds growing on stabilized slope. M/A '50 p35
- Eroded slopes covered with natural vegetation in Humboldt Co. N/D '49 p38
- Naturally stabilized slope. N/D '49 p38
- Planting small Eucalyptus rostrata in plant band. M/A '50 p37
- Growth obtained 28 months after planting (Riverside Co.). M/A '50 p37
- Un-vegetative drainage ditch, a potential threat to roadway. J/F '50 p37
- Vegetative protection in a dividing strip on an approximate 5% grade. J/F '50 p37
- Well-vegetated cut slope (Santa Cruz Co.). M/A '50 p36
- Willows planted in moist areas assist in stabilization (Santa Cruz Co.). M/A '50 p36

Water erosion, various protective services against.

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**Wind erosion**

- Wind erosion affects both the sandy cut slope and the traveled way. M/A '50 p34
- Rock placed on sandy cut slope-face controls wind erosion in desert area. M/A '50 p34
- Sandy slope completely stabilized with cut brush and European beach grass. M/A '50 p35
- European beach grass interplanted with Italian Ryegrass controls wind erosion on sandy slope. M/A '50 p35

**EVENTS**

**AASHO annual meetings**

**32nd annual**

- L.A. Mayor Fletcher Bowron welcoming delegates. Jan '47 p2
- Retiring president M. J. Hoffman and Thomas H. MacDonald (CHC). Jan '47 p3
- Director of PW C.H. Purcell extending greetings from Gov. Warren. Jan '47 p4
- Newly elected officers of AASHO, 1946. Jan '47 p14
- Retiring president Hoffman presenting gavel to his successor. Jan '47 p15
- Business session of AASHO meeting. Jan '47 p17
- Engineer Geo. T .McCoy presenting M. J. Hoffman with gold watch. Jan '47 p23
- Delegates from Puerto Rico and Hawaii. Jan '47 p24
- Radio communication exhibit room, California Division of Hwys. Jan '47 p21
- Fred F. Grumm using equipment at radio communication headquarters. Jan '47 p30
- AASHO Women's Committee and Entertainment Committee, 1946. Jan '47 p15
- Delegates at 32nd annual meeting of AASHO. Jan '47 C, BC
- Retiring president Carl W. Brown presenting award of merit to Fred J. Grumm. N/D '49 p45
- 44th annual; T.F. Bagshaw welcoming delegates. J/F '59 p20
- Delegates touring newly opened Carquinez Br.; Opening session. J/F '59 p20
- California State Fair promotions. Aug '40 p25; Aug '41 p21;  
J/A '47 p17; J/A '49 p35; J/A '50 p25; J/A '51 p28; J/A '52 p52;  
J/A '53 p25; J/A '54 p35; J/A '55 p43; J/A '56 p69; J/A '57 p39

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**EVENTS, Continued**

**Festival of Arts (Laguna Beach)**

Irvine Bowl open air theater at Laguna Beach during Pageant of Masters.	S/O '52 p8
Live models pose for reproductions of Da Vinci's "The Last Supper"	S/O '52 p9
Artists pose for "Shepherds of Arcadia," by Nicolas Poussin.	S/O '52 p9
Models faithfully bring to life "Marcellus and the Princess by Dean Cornwell.	S/O '52 p10
Artists as "Lot and his Family leaving Sodom" by Rubens.	S/O '52 p11
Gem and Mineral Show, exhibits at.	N/D '53 P43
Sacramento Mineral Society presenting Gov. Knight with gem from show.	N/D '53 p43
Golden Gate International Exposition (Worlds Fair), Treasure Island	
Autos waiting for the gates to open early on first day of exposition.	Jun '41 p21
Aerial view of Treasure Island.	Jun '40 C, p21
Approaching fair buildings from state-built ramp approach.	Jun '40 p21
Governor's Conference on California 's Urban Area and the State Highway System.	M/A '60 p2
Grand National Livestock Expo (Cow Palace, S.F.)	
Coraleen Jurian, former queen of Grand National Livestock Expo, pointing to remodeled "Cow Palace" lettering.	S/O '53 p37
Cowboy star Rex Allen and his horse Koko.	S/O '54 p42
Members of the "Riders of the Andes" Chilean equestrian team.	S/O '55 p32
Interior of Cow Palace during performance of horse show and rodeo.	J/A '52 p48
Group of Royal Canadian Mounted Police.	J/A '52 p49
Western Trail Riders rehearsing for a performance.	S/O '53 p37
Highway Communications meeting delegates.	J/A '65 p47
Highway Transportation Congress in Washington DC, speakers' panel.	M/J '54 p19
International Road Congress (Mazatlan Mexico).	
Deputy Director of PW Edward J. Neron at Speakers Table.	Apr '37 p25
ITTE 17th annual Streets and Highways Conference participants.	M/A '65 p54
Los Angeles Co. Fair (Pomona)	
Aerial view of 450-acre exposition park.	J/A '56 p38
Sight-seeing train and grandstand on main promenade of L.A. Co. Fair.	J/A '56 p38
National Boy Scout Jamboree, Boy Scouts assembling for arena show.	S/O '53 p39
National Highway Users Conference	
Roy Johnson, Engineering Council, and Joseph E. Havenner, Auto Club of So. California, Chairman of Conference.	M/A '52 p37
Pike Johnson, President of Auto. Safety Foundation, and Dean L. Boelter, College of Engineering, UCLA.	M/A '52 p38
R.A. Moyer, Research Engineer ITTE, UC, and Earl Withycombe.	M/A '52 p39
National Highway Week	
Luncheon-meeting, 1962.	M/J '62 i.cvr.
Busses and cars used to transport tour participants.	M/J '62 i.cvr.
Dist. 8 design engineer Carlos Apablaza being interviewed by Spanish television station during National Hwy. Week.	J/A '63 p43
Olympics, Winter 1960	M/A '60 i.cvr
Traffic moving from Rt. 89 into Squaw Valley during Olympics.	M/A '60 i.cvr.
Navy roller towed by small tractor at compacted-snow access road.	M/A '60 p35
Parking lot at Squaw Valley.	M/A '60 p36+
Main Olympic Games area.	M/A '60 p38
Redwood Empire Assoc. annual convention	
Newly elected 1956-57 Executive Board of Redwood Empire Assoc.	N/D '56 p21
President and retiring president of Redwood Empire Assoc.	N/D '56 p21
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Canada; Members of Parliament, Ontario on visit to Headquarters.	M/J '61 p22
France; French engineers at Santa Monica-San Diego Fwy. interchange.	J/F '65 p62
German construction delegation and guides on tour of L.A. freeways.	M/A '57 p49
Great Britain; Director of Road Research on visit to U.S., 1961.	S/O '61 p69
British Minister of Transport with E. T. Telford.	M/A '60 p65
British municipal traffic engineers on bus tour of L.A. freeways.	J/A '60 p68
Minister of Transport on visit to California.	M/J '64 p64
India; Engineer from Jamshedpur with E. T. Telford.	J/F '60 p57
Japan; Japanese bridge engineers on tour of L.A. district.	S/O '59 p50
Japanese engineers and highway officials on visit to Headquarters office.	M/J '65 p63
Japanese engineers and officials on visit to Four-level structure, L. A.	J/F '60 p58
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Philippines; Philippine civil engineer with Deputy State Engineer C.E Waite.	J/A '60 p68
South America; Concul General of Nicaragua, former president of Costa Rica, and Consul General of Costa Rica.	N '40 p11
Switzerland; Swiss engineer viewing map of the L.A. Freeway System.	J/F '60 p57
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**WASHO (Western State Highway Officials) conventions**

Delegates at annual meeting, 1939.	Apr '39 p15
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WASHO president Anderson and family.	J/A '51 p34
Gov. Warren, US Commissioner. of Roads McDonald, and C.H. Purcell.	J/A '51 p35
Gov. Warren addressing WASHO convention.	J/A '51 p36
Hal H. Hale, Secretary of AASHO.	J/A '51 p38
A.M. Nash, WASHO Vice President.	J/A '51 p46
Newly elected WASHO officers, group photo.	J/A '51 p53
43rd annual; delegates at opening general session.	J/A '64 p18
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Carquinez ferry serving Benicia-Martinez traffic.		M/J '60 i.cvr.
The ferry "Carquinez" making one of its last runs across Carquinez strait.		S/O '62 p5
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Dungan's Ferry across lower Eel Rvr. between Ferndale and Loleta, ca. 1855.		M/J '64 p7
Gualala River cable ferry, ca. 1890-1894.		M/A '59 p19
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## **FLOODING**

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  - Yellow Creek Br. on Rt. 70 [Feather River Hwy.] at Belden Jan '38 p15
- 1938; Southern California**
- Big Creek Br. on Rt. 1 [San Simeon-Carmel Hwy.], Monterey Co. showing collapsed falsework of one arch on partially completed structure. Apr '38 p10
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  - Santa Ana River Br. in Santa Ana damaged by flood. Apr '38 p14
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  - Lane of approach to Santa Clara River Br. on Rt. 14 [US 6] damaged. M/J '43 p13
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- 1950; Destroyed Paradise overflow bridge on US 50 west of Mossdale. J/F '51 p30
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**Orange Co.**

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Jerrold L. Seawell at ground-breaking ceremonies. N/D '48 p24  
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**San Bernardino Co.**

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     J. Byron Blois on horseback for dedication parade. Mar '41 p4  
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**ROUTES**

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**I-580 [Rt. 5; US 50; I-5W]**

**Altamont Pass**

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 J/A '50 p23  
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**Alpine Co.**

**Rt. 88; Carson Pass Hwy.**

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Carson Pass Hwy. ca. 1950.	S/O '50 p51
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After construction.	N/D '50 p29
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Scene at dedication; Alpine Co. Supervisor H.B. Burns at dedication.	S/O '54 p23
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**Amador Co.**

**Rt. 16; Jackson Hwy. [Plymouth Rd.]**

**Jackson unit dedication**

Homer P. Brown (CHC) addressing celebrants at Jackson.	S/O '48 p3
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Old entrance to Jackson; new alignment.	S/O '48 p4
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Heavy equipment used in grading for Sacramento-Jackson Hwy.	S/O '48 p35
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Rt. 49 (Mother Lode Hwy.) in Jackson. S/O '45 p5

**Rt. 88; Carson Pass Hwy.**

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**Butte Co.**

**Chico Esplanade**

Early day photo of Chico Esplanade. M/J '49 p11  
View of Esplanade at Memorial Way. M/J '49 p12  
Outer highway of Esplanade between 2nd. and 3rd. Ave. M/J '49 p12  
Traffic movement at the junction of 4th Ave. with the Esplanade. M/J '49 p13  
Parking along the outer highway. [US 99E] M/J '49p13  
Chico Esplanade near Memorial Way after widening. J/F '60 p53  
Chico, Main St.; one-way couplet which takes Rt. 99 traffic through the city. J/A '59 p26

**Chico-Paradise Skyway [FAS Rt. 757] dedication**

Deputy Director of PW Frank Durkee, Butte Co. Supervisors  
Frank L Patty and John N. Bille at ribbon cutting ceremony. N/D '50 p14  
Completed section of Chico-Paradise Skyway. N/D '50 p15  
View of Skyway showing sheer walls of lava cap. N/D '50 p15  
Easterly view showing right-of-way constructed between railroad  
embankment and edge of bluff. N/D '50 p16  
Typical construction difficulties encountered during project. N/D '50 p16  
Oroville Bypass at junction with Rt. 70 and Oroville-Richvale highway. J/F '56 p50+  
Rt. 32; improved section between Chico and Hog Springs. J/A '58 p7  
Improved section of improved Rt. 32 east of Chico. J/A '58 p8  
Official party at ribbon-cutting opening improved section of Rt. 32. M/A '58 p45

**Rt. 70; Feather River Hwy. [US 40-Alt.; Leg. Rt. 24]**

Crowd of celebrants gathered at portal of Grizzly Dome to participate  
in dedication of Feather River highway. Aug '37 p7  
Gov. Merriam, Director of PW Earl Lee Kelly, and Chief Winnemucca. Aug '37 p7  
Feather River Hwy. soon after completion. May '38 p15  
Arch Rock. M/J '50 p45  
Aerial photograph showing proposed relocation of Feather River Hwy. J/A '53 p32  
Near future intersection of relocated Rt. 70 and Pentz-Cherokee Rd. S/O '57 p27  
Cleared area for new roadway east of the W. Branch of Feather Rvr. S/O '57 p28  
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Project manager, District Construction Engineer, and Resident Engineer  
viewing plans of project. S/O '57 p28  
New alignment near Flag Canyon Br. site. S/O '57 p29  
New alignment at intersection with Clark Rd. S/O '57 p29  
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Large benched cut south of W. Branch Br. J/A '59 p29  
Heavy grading work on Rt. 70 [US 40-Alt.] relocation. J/A '59 p30  
Relocated freeway (Rt. 70) leading toward Jarbo Gap. M/J '64 p57, 60  
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Oroville-Wicks Corner section approaching Grand Ave. interchange. M/J '64 p58  
Relocated section near Rt. 191 turn-off. M/J '64 p58  
Narrow N. Fork Feather Rvr. Canyon, before being inundated by reservoir. M/J '64 p59  
Section of old Feather River Hwy., closed to traffic. M/J '64 p59  
Section near Garden Ave. interchange. M/J '64 p62  
Wicks Corner intersection; New alignment at Wicks Corner. M/J '64 p62  
Four-lane section northeast of W. Branch Br. M/J '64 p62  
Rt. 99 [US 99E] near Durham after resurfacing. J/F '45 p28  
Oroville Wye and Chico section after relocation. J/F '55 p39  
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**Calaveras Co.**

**Rt. 26 [Rt. 5] access road**

Equipment grading line change on new route over Mokelumne Hill. M/J '44 p10

Lumber trucks hauling heavy loads over steep grades and sharp turns  
on old road east of Mokelumne Hill. M/J '44 p11

Big load of logs tops summit of McFadden Hill on new, wide highway. M/J '44 p11

View east of Flume House Hill. M/J '44 p11

Rt. 49 (Mother Lode Hwy.); obsolete road approaching Carson Hill. Mar '39 p11

**Colusa Co.;** I-5 [US 99W] section through Arbuckle near Hall St. overcrossing. J/A '58 p6

**Contra Costa Co.**

**BART construction**

Full-scale model of BART car; Laboratory car on test track. J/A '66 p36

Section of BART test track near Concord. J/A '66 p36

Attendant's seat for monitoring automatic control. J/A '66 p36

BART aerial transit line built near Walnut Creek as test track. J/A '66 p37

Byron Hwy. [county road] after improvements. N/D '53 p15

Crow Canyon Rd., summit cut on improved section of road. N/D '49 p22+

Cummings Skyway near interchange connecting it to I-80 [US 40]. S/O '61 p60

FAS highway and intersection near Martinez. N/D '54 p29

**I-80 [US 40]**

**Carquinez Br. approaches**

Excavation material from the "big cut" being placed in a fill. J/F '57 p38

Tandem hookup consisting of one tractor and one operator hauling  
two scrapers ascending top of "big cut." J/F '57 p42

Tandem scrapers being loaded. J/F '57 p42

"Big cut" on section approaching Carquinez Br. M/A '57 p16

Work on "big cut" to the south of main bridge approach. J/A '57 p36

Roadwork on Vallejo side nearing completion. J/A '57 p36

Under construction near Crockett. M/A '58 p9

"Big cut" completed. J/F '59 p5

Approaches to Carquinez Br. through manmade "Big Cut" canyon. J/F '59 p58

Completed I-80 [US 40] through Richmond looking north. M/A '57 p16

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Highway detour and bridge operations on Pinole. F '39 p21

Richmond section of freeway. J/F '64 p16

Rodeo; I-80 [US 40] prior to elimination of left turns. N/D '52 p24

San Pablo Dam Rd. at intersection with San Pablo Ave. showing clearance  
underway for future freeway, 1954. J/F '64 p16

Section at Carlson Blvd. off-ramp during final phase of construction. J/A '60 p57

Section in Richmond near Carlson Ave. interchange. J/A '60 p61

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**Rt. 190; Lone Pine-Death Valley Hwy.**

Construction on new highway leading into Death Valley. Jul '37 p7  
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 Heavy equipment at work on grade which will do away with steep, narrow roadbed over Zinc Hill and Lane Hill. Jul '37 p7  
 Section of completed desert highway. Jul '37 p7  
 Official party at dedication. N '37 p6  
 View of new highway leading down into Panamint Sink. N '37 p6  
 Gov. Merriam, rifle in hand, rides as express messenger with driver Ollie Dearborn on Mt. Whitney-Death Valley stage. N '37 p7  
 Sam Ball, veteran prospector, hands gourd of water from Lake Tulainyo to Gov. Merriam while descendants of Jayhawker Party survivors look on. N '37 p7  
 Gov. Merriam draws bead on ribbon barrier, officially opening highway. N '37 p8  
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20-mule team and borax wagons on US 395 near Lone Pine, date unknown. J/A '60 p54

**US 395; Sherwin Grade**

Typical lava rock cut and junction with old high-way at foot of grade. N/D '56 p39  
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**Kern Co.**

**Bakersfield**

Alfred Harrell Hwy. (FAS 885) looking east toward Panorama Dr.	M/A '60 p44
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**I-5 [US 99]**

**Bakersfield-Grapevine Hwy.**

Site of proposed new 4-lane divided highway north of Bakersfield.	Jan '43 p15
Old state highway will become southbound roadway of new highway.	Jan '43 p15
Existing trees will form a screen between the two roadways.	Jan '43 p15
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Section of Ridge Route, 1920s.	J/F '61 p7
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Dirt being moved by wagon trains filled by hand labor and hauled by tractor to comply with WPA regulations.

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Stretch of new highway; road before reconstruction.

Jun '41 p5

**Marin Co.**

Marin access road to Dry Dock Training Center and Naval Net Depot on Tiburon Peninsula.

N/D '44 p3

Nicassio Rd. relocation, an FAS project.

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Rt. 131 (Tiburon Blvd.) after improvement.

M/J '64 p33

Sir Francis Drake Blvd. [FAS Rt. 608], after realignment.

N/D '58 p31+

Sir Francis Drake Blvd., an example of a highway that is both aesthetically pleasing and functional.

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**US 101, Redwood Hwy.**

Four-lane approach highway on new alignment to connect with north end of San Rafael Viaduct.

D '40 p10

Frontage road 1/4 mile north of Forbes overhead.

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Hamilton Field AFB section near Novato, widened to six lanes.

M/J '65 p32

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S/O '45 p23+

Ignacio-Petaluma route

Tractor and carryall combination excavating cut.

J/A '46 p14

Woolbridge Terra-Cobra scrapers excavating cut.

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**San Rafael**

Improving Redwood Hwy. near San Rafael, 1916.

J/A '64 p24

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**Waldo (Marin) Approach to Golden Gate Br. [Golden Gate Bridge Fwy.]**

Heavy grading work on Marin approach.

Jan '37 p3

Constructing highway approach at north abutment of bridge.

Jan '37 p3

Placing of steel and form work at south portal of tunnel through hills.

Jan '37 p3

Ventilation precautions in wall drift.

Jan '37 p3

Waldo Approach looking downgrade toward Richardson's Bay, and junction of new road with state highway at Waldo Point.

May '37 p5

Putting finishing touches on section of new highway leading to bridge.

May '37 p5

Waldo approach showing one of deep cuts.

Jun '37 p3

Taken from Waldo tunnel mouth looking south towards bridge.

Jun '37 p3

Another stretch of highway leading to Marin side of bridge.

Jun '37 p3

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**Placer Co.**

**I-80 [US 40]**

**Auburn section--See also ROADSIDE BUSINESSES & BYPASSES**

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**I-5**

**Ridge Route [US 99]--See also Kern Co. and Los Angeles Co.**

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- Start of construction on Ridge Route. S/O '50 p95
- Mountain highway with concrete center barrier on Ridge Route. S/O '50 p139
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  - Dept. of Water Resources subsidence test pond after 14 months of operation. S/O '60 p53
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  - Shallow subsidence occasioned by a new abandoned irrigation ditch. S/O '60 p53
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**US 50**

- Huge fallen boulder closes US 50; ca 1930s, location unknown. J/A '60 p55
- Old woodcut of Emigrant Wagon Rd. in 1865 from Albert D. Richardson's book *Beyond the Mississippi*, published in 1867. S '41 p3

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- Hazardous line and grade crossing on US 101. (Dist 5) O '38 p1
- Old Bell Springs route, the only route from the 1870s to ca. 1920. J/A '64 p24
- Trucks transporting loads of hay for mules and horses during Redwood Hwy. modernization, ca. 1920s. J/A '64 p248
- Unidentified divided highway section. Apr '42 p11

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- Reflecting curbs, drawing of new type for intersectional islands, division strips. D '37 p8
- Wedge shaped recess for separation strip curbs. D '37 p8+
- Block-type recess under direct headlight rays. D '37 p8+
- Types of curbs; Section of standard conventional curb. D '37 p9
- Barrier curb study test driver shows safety features of test car. M/J '54 p34
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- Leveling device for truing up curb. J/A '55 p35
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- Telebinocular for testing a driver's vision. J/A '54 p38
- Double cartridge braking detonator in operation. J/A '54 p40
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## TUNNELS & TUBES

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**1937**



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**Jan** I-80 [US 40] at Donner Summit in winter; Donner Lake in background  
**Feb** Valley Blvd. as seen through orange groves near Pomona  
**Mar** Kennett Dam, key unit of Central Valley Project [**color drawing**]  
**Apr** US 395; Eastern slope of the High Sierra north of Bishop (Inyo Co.)  
**May** Golden Gate Bridge across entrance to San Francisco Bay [**color drawing**]  
**Jun** Rt. 1 (Ocean Shore Hwy.) under construction in San Mateo Co.  
**Jul** Rt. 1; Carmel-San Simeon Hwy., where sea and mountains meet  
**Aug** Rt. 70 [US 40-Alt.], the Feather River Hwy. and its bridges.  
**Sep** Rt. 99; stretch of new state highway in Kern Co.  
**Oct** Alameda Co.; construction activity in Altamont Pass  
**Nov** Rt. 136-190; Lone Pine--Death Valley Hwy. (Inyo Co.)  
**Dec** Rt. 1; Ocean Shore Hwy. just opened in San Mateo Co.

**1938**

**Jan** US 101; new four-lane divided highway through Montecito  
**Feb** North Figueroa St. Viaduct on Rt. 159 [Rt. 165] in Los Angeles  
**Mar** Clearing I-80 [US 40] over Donner Summit during snow storm  
**Apr** Main line railroad bridge across Los Angeles River wrecked by flood  
**May** Mt. Shasta seen from I-5 [US 99]. Sacramento River in foreground  
**Jun** Rt. 180 under construction in Kings River Canyon (Fresno Co.)  
**Jul** Rt. 203 [Rt. 112] Mammoth Lakes Hwy. near Twin Lakes (Mono Co.)  
**Aug** US 50; Echo Summit relocation  
**Sep** Rt. 123 [Leg. Rt. 14] showing circuitous alignment (Contra Costa Co.)  
**Oct** Rt. 46 [Rt. 33]; York Mt. Grade, Cayucas--Templeton (San Luis Obispo Co.)  
**Nov** Rt. 41; Squaw Valley Grade near General Grant National Park (Fresno Co.)  
**Dec** Topanga Canyon road, showing winding grade and narrow bridge (L. A. Co.)

**1939**

**Jan** Culbert L. Olson, Governor of California. Inaugurated January 2 1939  
**Feb** Rt. 78; winding section between Julian and Descanso (San Diego Co.)  
**Mar** Shasta Dam under construction scenes at site on Sacramento River  
**Apr** Snow surveyors measuring water content of Sierra pack  
**May** Redding; railroad bridge across Sacramento Rvr. under construction  
**Jun** I-80 [Rt. 37; US 40]; Donner Lake and view from Donner Summit  
**Jul** Rt. 14 [Rt. 23]; Newhall Tunnel Hwy. from historic Freemont Pass (L.A. Co.)  
**Aug** Rt. 17 [Rt. 5] between Los Gatos and Santa Cruz  
**Sep** Presidio Tunnel approach to Golden Gate Br. under construction, S.F.  
**Oct** Rt. 180; completed Kings River Canyon Hwy. (Fresno Co.)  
**Nov** Pit River Bridge across site of Shasta Dam Reservoir [**drawing**]  
**Dec** Friant Dam [**drawing**], and scenes at ground breaking

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**1940**

**Jan** Rt. 14 [Rt. 23]; four-lane highway eliminating Newhall Tunnel (L.A. Co.)  
**Feb** Snow removal scene on Donner Summit (I-80) [US 40]  
**Mar** View from Donner Summit after snow removal (I-80) [US 40]  
**Apr** Flooded orchard and farm lands near Princeton, Colusa Co.  
**May** Rt. 1; slide prevention work on Pacific Palisades (L.A. Co.)  
**Jun** Treasure Island in San Francisco Bay  
**Jul** Us 101; Redwood Hwy. through Culbert L. Olson Grove (Humboldt Co.)  
**Aug** US 50; rugged scenery on Echo Summit relocation over the Sierra  
**Sep** Carquinez Toll Br. across Straits of Carquinez on I-80 [US 40]  
**Oct** Arroyo Seco Pkwy. (Rt. 110) between Los Angeles and Pasadena  
**Nov** Rt. 1; San Simeon--Carmel Coast Hwy. and Big Creek Br.  
**Dec** Russian Gulch concrete arch bridge (Rt. 1, Mendocino Co.)

**1941**

**Jan** Arroyo Seco Pkwy. showing divided hwy., paved channel, and overheads  
**Feb** Rotary snow plow widening and clearing I-80 [US 40] near Donner Summit  
**Mar** Pit River Bridge under construction on I-5 [US 99], Shasta Co.  
**Apr** Surveyors measuring snow depths and water content  
**May** "Kneeling Nuns" of Red Rock Canyon (Rt. 14 [US 6], Kern Co.)  
**Jun** Orleans Br. across Klamath River on Rt. 96 (Humboldt Co.)  
**Jul** Section of Tioga Pass Hwy., Mono Co.  
**Aug** Bridge across Sacramento River at Antler on US 99 Shasta Dam relocation  
**Sep** Ocean Shore Hwy. under construction between San Francisco and Santa Cruz  
**Oct** Pit River Br. across Shasta Dam reservoir lake nearly completed  
**Nov** "California Highways and National Defense" military montage  
**Dec** Rt. 2, Angeles Crest Hwy. as seen from point between two tunnels (L.A. Co.)

**1942**

**Jan** US 50 at Strawberry looking east to Echo Summit  
**Feb** Feather River Canyon, Plumas Co. in winter, seen from Rt. 70 [US 40-Alt.]  
**Mar through Dec** Montage of Public Works projects

**1943**

**Jan** Earl Warren, Governor of California  
**Feb** Same as March 1942. **[Last monthly issue]**  
**Mar-Apr through Nov-Dec** Same as March 1942

**1944**

**Jan-Feb** Winter scene on US 50 across the Sierra Nevada  
**Mar-Apr** Blossom time along Rt. 9 in Santa Clara Co.  
**May-Jul** Leavening grade on Rt. 120, Tioga Pass entrance to Yosemite  
**Jul-Aug** Mulholland Overhead grade separation on Hollywood Fwy., L.A. Co.  
**Sep-Oct** Lake Mary from Rt. 203 [Rt. 112], Mammoth Lakes area (Mono Co.)  
**Nov-Dec** Rt. 14 [Rt. 23] through Red Rock Cyn on Mojave Desert, Kern Co.

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**1945**

**Jan-Feb** Rt. 180, Kings River Canyon Hwy., Fresno Co.  
**Mar-Apr** I-5; Pacific Hwy. [US 101, Rt. 2]; Torrey Pines Mesa, San Diego Co.  
**May-Jun** I-80 [US 40, Rt. 69]; East Shore Hwy. in Oakland along San Francisco Bay  
**Jul-Aug** Carquinez Bridge  
**Sep-Oct** Rt. 1 [US 101, Roosevelt Hwy.] north of Santa Monica  
**Nov-Dec** Trees draped in snow along Rt. 89, West Shore Lake Tahoe

**1946**

**Jan-Feb** Shasta Dam and reservoir (**color**)  
**Mar-Apr** I-80 [US 40] near Gold Run, Placer Co.  
**May-Jul** Donner Lake on I-80 [US 40]  
**Jul-Aug** Rt. 37, Black Point Cut-off between Napa and Ignacio (Sonoma Co.)  
**Sep-Oct** Rt. 24 at Orinda Junction (Contra Costa Co.)  
**Nov-Dec** San Francisco-Oakland Bay Br. showing Western Terminal

**1947**

**Jan** [AASHO special issue] Delegates at 32nd annual meeting of AASHO  
**Jan-Feb** I-10 [US 99] in San Bernadino Co. looking north toward Redlands  
**Mar-Apr** Rt. 120, Tioga Pass Hwy. mountain scene (**color**)  
**May-Jun** Sheep grazing alongside Sign Rt. 89 in Hope Valley, Alpine Co.  
**Jul-Aug** US 101 north of Salinas, Monterey Co., 4-lane divided highway section  
Highway leading to Mt. Shasta  
**Sep-Oct** I-80; North Sacramento Fwy, opened Oct. 6, 1947  
**Nov-Dec** Terminal Island Fwy under construction (Los Angeles Co.)

**1948**

**Jan-Feb** I-80 [US 40] through Auburn, Placer Co.  
**Mar-Apr** Rt. 163 [US 395], Cabrillo Fwy., San Diego Co.  
**May-Jun** US 101; Montecito Pkwy. viewed from Ortega Hill (Santa Barbara Co.)  
**Jul-Aug** US 101; Hollywood Fwy. [Cahuenga Fwy.] in Los Angeles  
**Sep-Oct** US 101, San Luis Obispo Co., a four-lane divided freeway  
**Nov-Dec** Trees across street from Public Works Building, Sacramento (**color**)

**1949**

**Jan-Feb** I-80 [US 40] widening operations through American Canyon Cut-off  
**Mar-Apr** Hollywood Fwy. (US 101) between Barnam Blvd. and Vineland Ave.,  
**May-Jun** Bayshore Fwy (US 101), showing San Bruno Interchange  
**Jul-Aug** I-5 [US 99]; Ridge Route at junction with Rt. 126 [Rt. 79] to Ventura  
**Sep-Oct** Four-Level Structure, Los Angeles  
**Nov-Dec** US 50 near Kyburz, El Dorado Co. (**color**)

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**1950**

**Jan-Feb** I-10 [Rt. 26] divided highway at Redlands, San Bernadino Co.  
**Mar-Apr** California State Capital and surrounding area, aerial view  
**May-Jun** US 101 divided highway between Oxnard and El Rio Junction  
**Jul-Aug** Lake Tahoe as seen from I-80 [US 40]  
**Sep-Oct** Centennial Edition 1850--1950  
**Nov-Dec** Blasting in Piru Gorge on I-5 [US 99], Ridge Route

**1951**

**Jan-Feb** Hollywood Fwy. (US 101) section dedicated Dec. 27, 1950  
**Mar-Apr** US 101 through historic Gaviota Pass (Santa Barbara Co.)  
**May-Jun** Bayshore Fwy. (US 101), first unit completed within city of S.F.  
**Jul-Aug** Rt. 1 on Pedro Mt., San Mateo Co.  
**Sep-Oct** Charles Henry Purcell, 1883-1951  
**Nov-Dec** Balancing Rock on Rt. 158 [Rt. 111] leading to June Lake, Mono Co.

**1952**

**Jan-Feb** Snow battle scene on I-80 [US 40] during record 1952 storm  
**Mar-Apr** Colorado St. Bridge under construction, Pasadena  
**May-Jun** Yuccas in bloom along I-15 [US 395] near Cajon Pass, San Bernadino Co.  
**Jul-Aug** Burney Falls, Shasta Co.  
**Sep-Oct** Rt. 4 leading to Calaveras Big Trees  
**Nov-Dec** Farm-to-Market roads feed into Arnold Industrial Fwy., Contra Costa Co.

**1953**

**Jan-Feb** Trees in Sierra draped with snow  
**Mar-Apr** Four-level Structure, Los Angeles  
**May-Jun** Indian Head rock formation in Riverside Co.  
**Jul-Aug** Donner Lake on I-80 [US 40] (**color**)  
**Sep-Oct** Safety message featuring Smokey the Bear  
Goodwin J. Knight, Governor of California  
San Quentin Wye near San Rafael, Marin Co.  
**Nov-Dec** First snowfall of season at Echo Summit, US 50  
Shores of Lake Mary, Mono Co.

**1954**

**Jan-Feb** Four-level Structure in heart of L.A. Freeway System, night view  
**Mar-Apr** I-15 through Blue Cut Area near Cajon Summit (San Bernadino Co.)  
**May-Jun** Bald Rock Canyon in Middle Fork of Feather River  
Lake Alminor in Plumas Co.  
**Jul-Aug** Skyline views upon entering San Francisco on Bayshore Fwy. from south  
Safety message featuring Smokey the Bear  
**Sep-Oct** US 50 at Strawberry (El Dorado Co.) (**color**)  
**Nov-Dec** Owens Valley as seen from US 395 at Olancho (Inyo Co.)

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**1955**

- Jan-Feb** School Safety Patrol leader on duty at Whitter School, Berkeley (**color**)  
**Mar-Apr** San Francisco skyline as seen entering central district from Bayshore Fwy.  
**May-Jun** San Luis Obispo freeway (US 101) (**color**)  
**Jul-Aug** Highway relocation along Laurel Dell Lake on Rt. 20, Lake Co.  
Safety message featuring Smokey the Bear (**b&w**)  
**Sep-Oct** Arch in Natural Bridges State Park, Santa Cruz  
Fallen Leaf section of Lake Tahoe viewed from Rt. 28 [Rt. 94]  
**Nov-Dec** Sherwin Grade in Inyo-Mono Counties, covered in snow

**1956**

- Jan-Feb** Four-lane divided section of I-5 [US 99] at foot of Mt. Shasta  
**Mar-Apr** Golden Gate Bridge  
San Francisco--Oakland Bay Bridge  
**May-Jun** Wild flowers in bloom along Rt. 119 [US 399] in Arvin Dist., Kern Co.  
Fields in bloom near Hollister, Rt. 156 [Rt. 22], San Benito Co.  
**Jul-Aug** Richmond--San Rafael Br.  
Safety message featuring Smokey the Bear (**b&w**)  
**Sep-Oct** Trees along Luther Pass Hwy. (Rt. 89) west of Lake Tahoe in autumn  
Rt. 70 [US 40-Alt]; Feather River Hwy., Plumas Co.  
**Nov-Dec** June Lake on Rt. 158 [Rt. 111] covered in blanket of snow (Mono Co.)  
Light pattern created by headlights on Harbor Fwy.

**1957**

- Jan-Feb** US 101; San Luis Obispo Fwy. at Shell Beach  
Model of depressed freeway and adjacent residential area  
**Mar-Apr** University Ave. Interchange, Berkeley  
Rt. 24, Lafayette Bypass (Contra Costa Co.)  
**May-Jun** Kings River Canyon Recreational Area (Fresno Co.)  
Coyote Dam area before dam construction (Mendocino Co.)  
**Jul-Aug** Cypress St. double-deck freeway, Oakland  
Safety message featuring Smokey the Bear (**b&w**)  
**Sep-Oct** US 101 paving job for Paso Robles Bypass (San Luis Obispo Co.)  
US 101, Redwood Fwy.; construction on 'big cut' (Humboldt Co.)  
**Nov-Dec** Downtown Los Angeles looking north along Harbor Fwy.  
I-5; Golden State Fwy. near Rt. 14/I-5 [US 6/US 99] interchange

**1958**

- Jan-Feb** Rotary snow plow clearing section of I-80 [US 40] at Donner Summit  
Rt. 18 in Mojave Desert near Apple Valley [See M/J '58 p44]  
**Mar-Apr** Superstructure of parallel Carquinez Br. seen from piers of south approach  
Bay Br. as seen from Yerba Buena Island  
**May-Jun** US 101 at Bridges Cr. in northern Mendocino Co.  
Rt. 70 [US 40-Alt.] at Elephant Butte Tunnel in Plumas Co.  
**Jul-Aug** Rt. 193 [Rt. 93] passing through Broom in bloom (El Dorado Co.)  
Stanislaus Rvr. Br. between Sonora and Angeles Camp, Rt. 49  
**Sep-Oct** Rt. 14 [US 6] in eastern Kern Co. near Red Rock Canyon  
Bixby Creek Br. on Rt. 1 (Monterey Co.)  
**Nov-Dec** Lighthouse at western terminus of I-8, Cabrillo Nat. Park (San Diego)  
Grout Bay camp-ground along Rt. 18 near Big Bear Lake

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**1959**

- Jan-Feb** Light pattern created by autos on Hollywood Fwy. approaching City Hall Santa Ana Fwy. (I-5) crossing under roadway of Long Beach Fwy. (I-710)
- Mar-Apr** Interchange at junction of Rt. 1 and Rt. 17 in Santa Cruz  
Traffic using parallel Carquinez Br., widening of old span
- May-Jun** Rt. 60 west of Beaumont in San Bernadino Co.  
All American Canal Br. on I-8 [US 80], Imperial Co.
- Jul-Aug** I-80 [US 40] passing under Magazine St. Overcrossing in Vallejo.  
US 50 east of Echo Summit, starting down Meyers Grade
- Sep-Oct** Rt. 168 near Huntington Lake in Fresno Co.  
US 101; landscaped section near Mission San Luis Obispo
- Nov-Dec** I-5 [US 99] expressway north of Shasta Lake  
US 101 in Rattlesnake Canyon north of Laytonville (Mendocino Co.)

**1960**

- Jan-Feb** 65 MPH signs on I-80 near Nevada state line, in effect Jan. 1, 1960  
Mulholland Summit Cut on San Diego Fwy. (I-405) in Los Angeles  
Santa Monica-Harbor Fwy. interchange under construction
- Mar-Apr** I-880; landscaped section of Nimitz [Eastshore] Fwy. through Oakland  
Rt. 24; landscaping at Pleasant Hill Rd. interchange
- May-Jun** Installation of large directional signs on Walnut Creek Bypass  
Ventura--San Diego Fwy. interchange and vicinity (**front and back cover**)
- Jul-Aug** I-5 [US 99] under construction in Sacramento Rvr. Canyon near Dunsmuir  
Mission Valley interchange for I-8/Rt. 163 [US 80-395], San Diego
- Sep-Oct** I-5 [US 99]; downhill view of widened Grapevine Canyon section  
Folsom Lake at Mormon Island State Park
- Nov-Dec** I-80; improved section between Hampshire Rocks and Soda Springs  
Webster St. Tube, Alameda; precast tube segments being cast

**1961**

- Jan-Feb** Landscaping on US 101 at Cabrillo Blvd. interchange, Santa Barbara  
Santa Monica Fwy. (Rt. 60) under construction
- Mar-Apr** San Diego Fwy. through San Clemente showing typical freeway signing  
Hazelview Summit Tunnel, drawings of (US 199, Del Norte Co.)
- May-Jun** I-80 plantings through Richmond at Solano Ave. Overcrossing  
Noyo River Br. (Rt. 1, Mendocino Co.) painted green
- Jul-Aug** Painting main cables of San Francisco--Oakland Bay Br.  
US 101 through Pismo Beach (San Luis Obispo Co.)
- Sep-Oct** Harbor Fwy. (I-110) through downtown Los Angeles  
US 101 between Willits and Laytonville (Mendocino Co.)
- Nov-Dec** I-5 [US 99] south of Dunsmuir, Siskiyou Co.  
Grading work on Rindler Fill section of I-80 [US 40] near Vallejo

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**1962**

- Jan-Feb** Redwood Parks area of US 101 between Meyers Flat and Dyerville  
Landscaped section of San Diego Fwy (I-405) near Sunset Blvd.
- Mar-Apr** I-5 [US 99], Ridge Route section, covered in snow  
Rt. 49 between Auburn and Grass Valley
- May-Jun** W. Branch Br. across N. Fork Feather Rvr. carrying relocated Rt. 70  
US 101 at Goleta (Santa Barbara Co.)
- Jul-Aug** Rt. 29-128 south of Calistoga (Napa Co.)  
Golden State Fwy. (I-5) near Griffith Park Rd.
- Sep-Oct** Turnbridge Dr. pedestrian overcrossing on US 50-99 near Sacramento  
Ventura Fwy. (US 101) under construction in city of Ventura
- Nov-Dec** Redlands Fwy. (I-10) [US 70-99] at Cypress Ave. Undercrossing  
Benicia--Martinez Toll Br. and SP railway bridge

**1963**

- Jan-Feb** Cable spinning on Vincent Thomas Br. (San Pedro--Terminal Island)  
Time exposure night photo on I-80 [US 40] near Albany
- Mar-Apr** Wildflowers along Rt. 46 [US 466] near Arvin turnoff (Kern Co.)  
San Diego Fwy. across Sepulveda Pass near Mulholland Drive Br.
- May-Jun** Assistant State Hwy. Engineer Steve Macola conducting survey work  
Rt. 24 freeway between Walnut Creek and Lafayette
- Jul-Aug** Rt. 49 (Mother Lode Hwy.) near Jacksonville  
Vincent Thomas Br. between San Pedro and Terminal Island
- Sep-Oct** Flagman directing traffic on Rt. 18, San Bernadino Co.  
Cold Springs Canyon Br. painting (Rt. 225 [Rt. 150] Santa Barbara Co.)
- Nov-Dec** US 101 (Redwood Hwy.) through Avenue of the Giants.  
Elysian Viaduct Br. carrying Golden State Fwy. over Pasadena Fwy.

**1964**

- Jan-Feb** Expressway west of Twain Harte, Rt. 108 (Sonora Pass Hwy.)  
Rotary plow in operation on I-80 near Kingvale
- Mar-Apr** Installing new sign on former US 101-Alt at Pt. Mugo, now part of Rt. 1  
US 101 freeway section in Santa Barbara
- May-Jun** Bay Br. at night, illustrating change to one-way traffic [See J/A'64 p59]  
San Diego Fwy. (I-405) in Los Angeles
- Jul-Aug** Rt. 1 near Carmel--Pacific Grove Hwy. and 17-mile Drive interchange  
San Diego Fwy. (I-5) near 4-level junction and Balboa Park
- Sep-Oct** Drawing of future I-280 through Los Altos Hills  
US 101 freeway (Redwood Parks Fwy.) near Myers Flat.
- Nov-Dec** Donner Pass, showing old US 40 route, new I-80 Fwy.  
Do Not Enter--Wrong Way signs at I-80 off-ramp near Sacramento

*California Highways and Public Works*  
**COVER ILLUSTRATIONS 1937-1967**

**1965**

- Jan-Feb** Roadside rest area overlooking Pacific Ocean at McKinleyville, US 101  
Landsaped section of US 99 at Tulare
- Mar-Apr** Golden State Fwy. (I-5) landscaping  
Bailey Br. in place across washed-out span of Smith River on US 199
- May-Jun** US 101 through Waldo Grade north of Golden Gate Br.  
W-X Street Br. under construction over Sacramento Rvr., Sacramento.
- Jul-Aug** California's first officially named "Scenic Hwy.," Rt. 1 along Pacific Coast  
Interior of third Caldecott Tunnel
- Sep-Oct** Before and after views of US 99 in Modesto  
Quaking aspen grove along Rt. 89 in Monitor Pass region
- Nov-Dec** Raking leaves on median of Cabrillo Fwy. (Rt. 163) through Balboa Park  
Replacing sidehill viaduct at Dodge Pt. near Tioga Pass summit, Rt. 120

**1966**

- Jan-Feb** Montage of snow removal operations  
Rim of the World Dr. (Rt. 18) through San Bernadino Range in winter
- Mar-Apr** Rt. 88 near Carson Pass summit  
Evening in Los Angeles on Harbor Fwy. near Civic Center
- May-Jun** Mojave Desert wildflowers; Zannetta House, San Juan Bautista; Yosemite  
in winter; Carpenteria State Beach; E Clampus Vitus initiation in Volcano;  
US 395 south of Lone Pine; Fishing in Big Sur River; Sanctuary and Eye  
of God, Mission San Miguel; Sonoma Coast  
Unidentified California Beach
- Jul-Aug** Filming correct procedure for protecting maintenance workers from traffic  
Rt. 58 where road begins to climb to Tehachapi Pass (Kern Co.)
- Sep-Oct** Car towing boat on freeway ramp, city of Long Beach  
View of aspens and mountains from US 395, Conway Summit.
- Nov-Dec** Montage of construction projects statewide (**front and back cover**)

**1967**

- Jan-Feb** Los Angeles freeway at night  
Unidentified section of highway in mountainous area [**final issue**]